As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	ation(s):	·			· ·	Priority (	Claimed No
Number	Country	Day/Mo	nth/Year Filed			<u></u>	
I hereby claim the be listed below:	enefit under Title	35, United State	s Code, §119(e) of	f any	United States provision	nal applic	cations(s)
60/463,656		_04/16/2003					
Application Ser. No.		Filing Date					
insofar as the subject in the manner provid	t matter of each o ed by the first par as defined in Title	f the claims of this agraph of Title 3! 37, Code of Fed	s application is not o 5, United States Co deral Regulations, §	disclo de, § §1.56	ed States applications(s) osed in the prior United S 112, I acknowledge the which occurred between application:	States ap	oplication disclose
Application Ser. No.		Filing Date	Star	tus:	Patented, Pending, Aba	andoned	
Application Ser. No.	·	Filing Date	Stat	tus:	Patented, Pending, Aba	andoned	
	***************************************						

**POWER OF ATTORNEY**: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
The state of the s	
Heidi Jenii Ackerly Wallweber	1.1
Inventorio simotorio	01/12/2007
Inventor's signature  Hel Linis achely Wallet	<sup>b</sup> Date
Residence 2602 Read Avenue, Belmont, CA 94002	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	Date
	24.0
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
Residence 360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	•

Full name of fourth joint inventor, if any	
Gretchen Frantz	,
Inventor's signature	Date
	Duto
Residence	·
2819 Buchanan Street, San Francisco, CA 94123	
Citizenship	
USA Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070 Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
Residence	
149 Amapola Avenue, Pacifica, CA 94044	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	•
Inventor's signature	Date
	Date
Residence	
31 Shaw Court, Redwood City, CA 94061	
Citizenship	
USA	
Post Office Address 1 DNA Way	,
South San Francisco, CA 94080	

Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date
Residence 840 Sea Spray Lane #112, Foster City, CA 94404	
Citizenship	
Taiwan (Republic of China)	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	•
Inventor's signature	Date
Residence	
990 Cherry Street, San Carlos, CA 94070 Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Helga A. Raab	
Inventor's signature	Date
Residence	
715 Shields, San Francisco, CA 94132	
Citizenship	
Germany	
Post Office Address 1 DNA Way	•
South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Inventor's signature	Date
Residence	
7102 Shelter Creek Lane, San Bruno, CA 94066	
Citizenship	
Russia	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
rui hame of twenth joint inventor, if any	
Beni B. Wolf	
5011 2. 44011	
Inventor's signature	Data
. 0	Date
Residence	
607 Seasons Lane, Redwood City, CA 94065	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	•
Nobert Maurice Fitti	•
Inventor's signature	Date
	Date
	<u> </u>
Residence	
1110 Liberty Street, El Cerrito, CA 94530 Citizenship	
USA	
Post Office Address	** <u> </u>
1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Liliana Soroceanu	
Liliana Soloceanu	
Inventor's signature	Date
-	Date
Residence	
260 Hartford Street, San Francisco, CA 94114 Citizenship	
Romania	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
• • • • • • • • • • • • • • • • • • • •	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign App	lication(s):		·		·	Priority Yes	Claimed No
Number	Country	Day/Month/Ye	ear Filed				
I hereby claim the listed below:	e benefit under Tit	e 35, United States Cod	e, §119(e) of any	United S	tates prov	isional appl	ications(s
60/463,656		04/16/2003					
Application Ser. N	No.	Filing Date					-
insofar as the sub	ject matter of each	35, United States Code, of the claims of this appl paragraph of Title 35, Uni	ication is not discl	osed in the §112, I ac	e prior Uni knowledg	ted States a e the duty	application
material informati	ion as defined in T	itle 37, Code of Federal F onal or PCT international				etween the	
material informati	ion as defined in T cation and the nati		filing date of this	applicatio	n:	Abandone	filing date

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
	<u> </u>
Residence 2602 Read Avenue, Belmont, CA 94002	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature  Avi Ashleran	1/17/07
Residence 1456 Tarrytown Street, San Mateo, CA 94402	•
Citizenship USA	427
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
Residence	
360 Guerrero Street #212, San Francisco, CA 94103 Citizenship	
USA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	
Tall hathe of fourth joint inventor, it any	
Gretchen Frantz	
Inventor's signature	Date
Residence 2819 Buchanan Street, San Francisco, CA 94123	
Citizenship USA	<del></del>
Post Office Address 1 DNA Way	· · · · · · · · · · · · · · · · · · ·
South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070 Citizenship	
USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
Residence	
149 Amapola Avenue, Pacifica, CA 94044 Citizenship	
USA Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
Residence 31 Shaw Court, Redwood City, CA 94061	
Citizenship USA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of eighth joint inventor, if any		
Chingwei V. Lee		
Inventor's signature		Date
Residence		
840 Sea Spray Lane #112, Foster City, CA 94404 Citizenship		<u> </u>
Taiwan (Republic of China)		
Post Office Address 1 DNA Way	•	
South San Francisco, CA 94080	•	
Full name of ninth joint inventor, if any		
Scot A. Masters		
Inventor's signature		Date
Residence		
990 Cherry Street, San Carlos, CA 94070 Citizenship USA		· · · · · · · · · · · · · · · · · · ·
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Helga A. Raab		
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date
	·	
Residence		
715 Shields, San Francisco, CA 94132 Citizenship		
Germany		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		
Evgeny Varfolomeev		
Inventor's signature		Date
	•	
Residence 7102 Shelter Creek Lane, San Bruno, CA 94066	1010	
Citizenship Russia		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	Date
•	
Residence	
607 Seasons Lane, Redwood City, CA 94065	
Citizenship USA	·
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Debon Marries Dist	
Robert Maurice Pitti	
Inventor's signature	Date
Residence	
1110 Liberty Street, El Cerrito, CA 94530	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Liliana Caranana	
Liliana Soroceanu	
Inventor's signature	Date
Residence	
260 Hartford Street, San Francisco, CA 94114 Citizenship	
Romania	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applic	ation(s):					Priority Yes	Claimed No
Number	Country	Day/Montl	n/Year Filed			·········	<del></del>
I hereby claim the blisted below:	enefit under Title	35, United States (	Code, §119(e)	of any	United States prov	visional app	lications(s)
60/463,656		04/16/2003	•				
Application Ser. No.	•	Filing Date					_
insofar as the subject in the manner provide material information of the prior application	ded by the first pa as defined in Titl	ragraph of Title 35, e 37, Code of Feder	United States al Regulations	Code, s, §1.50	§112, I acknowledg 6 which occurred be	e the duty	to disclose
Application Ser. No.		Filing Date		Status:	Patented, Pending,	, Abandone	d
Application Ser. No.		Filing Date	5	Status:	Patented, Pending,	, Abandone	d
POWER OF ATTOR	NEY: As a name	d inventor, I hereby	appoint all A	Attorne	y(s) and/or Agent(s	) associate	d with the

**CUSTOMER NO: 09157** 

following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002 Citizenship USA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	Date
Residence 1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature. Wuband	01/24/07
Residence 360 Guerrero Street #212, San Francisco, CA 94103	1 - 21 - 0
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of fourth laint in control of					
Full name of fourth joint inventor, if any					
Gretchen Frantz					
Inventor's signature		· · · · · ·		Date	<del></del>
Residence		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·	
2819 Buchanan Street, San Francisco, CA 94123	<u> </u>				
Citizenship USA					•
Post Office Address			·		
1 DNA Way					
South San Francisco, CA 94080					
Full name of fifth joint inventor, if any	<del></del>		<del></del>	<del></del>	
Dorothy French					
Inventor's signature	· · · · · · · · · · · · · · · · · · ·		<del></del>	Date	<del></del>
					•
Residence					
23 Michael Court, San Carlos, CA 94070	•				
Citizenship USA					
Post Office Address	***	-1		<del></del>	
1 DNA Way					
South San Francisco, CA 94080			•		
				•	
Full name of sixth joint inventor, if any					
Germaine G. Fuh					
Inventor's signature				Date	
			•		
Residence	<del></del>	· · · · · · · · · · · · · · · · · · ·			
149 Amapola Avenue, Pacifica, CA 94044 Citizenship					
USA					
Post Office Address			<del> </del>	-	
1 DNA Way South San Francisco, CA 94080					
Full name of seventh joint inventor, if any					
Jo-Anne S. Hongo					
Inventor's signature		<del></del>		Date	
Residence	<del></del>		· · · · · · · · · · · · · · · · · · ·		
31 Shaw Court, Redwood City, CA 94061					
Citizenship USA					
Post Office Address	· · · ·		<del></del>		
1 DNA Way					
South San Francisco, CA 94080					

Full name of eighth joint inventor, if any			
Chingwei V. Lee			
Inventor's signature			Date
Residence	· · · · · · · · · · · · · · · · · · ·	·	
840 Sea Spray Lane #112, Foster City, CA 94404 Citizenship	· · · · · · · · · · · · · · · · · · ·		
Taiwan (Republic of China)			•
Post Office Address 1 DNA Way	<u>-</u>		
South San Francisco, CA 94080			
Full name of ninth joint inventor, if any	,	**	
Scot A. Masters			
Inventor's signature			Date
Residence			· · · · · · · · · · · · · · · · · · ·
990 Cherry Street, San Carlos, CA 94070 Citizenship	·	<del></del>	<u> </u>
USA			
Post Office Address			· · · · · · · · · · · · · · · · · · ·
1 DNA Way South San Francisco, CA 94080			
Full name of tenth joint inventor, if any			
Helga A. Raab			•
Inventor's signature			Date
Residence			
715 Shields, San Francisco, CA 94132 Citizenship	· · · · · · · · · · · · · · · · · · ·	<del></del>	·
Germany			
Post Office Address 1 DNA Way			
South San Francisco, CA 94080			
Full name of eleventh joint inventor, if any			
Evgeny Varfolomeev	•		
Inventor's signature			Date
Residence		· · · · · · · · · · · · · · · · · · ·	
7102 Shelter Creek Lane, San Bruno, CA 94066 Citizenship Russia			<del></del>
Post Office Address	······································		
1 DNA Way South San Francisco, CA 94080			

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
·	
Inventor's signature	Date
Residence	
607 Seasons Lane, Redwood City, CA 94065	•
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
to an instance of the content point involves, in unity	
Robert Maurice Pitti	
	· · · · · · · · · · · · · · · · · · ·
Inventor's signature	Date
Residence	
1110 Liberty Street, El Cerrito, CA 94530	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Tall hame of fourteenth joint inventor, if any	
Liliana Soroceanu	
Inventor's signature	Date
Residence	
260 Hartford Street, San Francisco, CA 94114	
Citizenship	· · · · · · · · · · · · · · · · · · ·
Romania	
Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	tion(s):						Priority Yes	y Claimed No
Number	Country	Day/Mon	th/Year Filed		· · · · · · · · · · · · · · · · · · ·			<del></del>
I hereby claim the be listed below:	nefit under Title	35, United States	Code, §119(e) of	fany	United S	tates prov	isional app	olications(s)
60/463,656		04/16/2003						
Application Ser. No.		Filing Date						_
insofar as the subject in the manner provide material information of the prior application	ed by the first pa as defined in Tit	aragraph of Title 35 le 37, Code of Fed	, United States Co eral Regulations, !	ode, §1.5	§112, I ac 6 which o	knowledg	e the duty	to disclose
Application Ser. No.		Filing Date	Sta	tus:	Patented	, Pending,	Abandone	ed
Application Ser. No.		Filing Date	Sta	tus:	Patented	Pending,	Abandone	ed ·
POWER OF ATTORN	IEY: As a name	ed inventor, I herel	by appoint all Atto	orne	y(s) and/o	r Agent(s)	) associate	ed with the

**POWER OF ATTORNEY**: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002 Citizenship	· · · · · · · · · · · · · · · · · · ·
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	. Date
Residence 1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship USA	,
Post Office Address	77.
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
Residence 360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	
USA	<u>.</u>
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	- 17
Gretchen Frantz	
Inventor's signature Trant	01/16/2007
Residence	
2819 Buchanan Street, San Francisco, CA 94123 Citizenship USA	· · · · · · · · · · · · · · · · · · ·
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence 23 Michael Court, San Carlos, CA 94070	
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
Residence 149 Amapola Avenue, Pacifica, CA 94044	**************************************
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
Residence 31 Shaw Court, Redwood City, CA 94061 Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

		<u></u>
Full name of eighth joint inventor, if any		
Chingwei V. Lee		
Inventor's signature		Date
Residence		
840 Sea Spray Lane #112, Foster City, CA 94404 Citizenship		<del></del>
Taiwan (Republic of China)		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080	•	
Full name of ninth joint inventor, if any		
Scot A. Masters		
Inventor's signature		Date
Residence	<del>-</del>	<del></del>
990 Cherry Street, San Carlos, CA 94070		
Citizenship USA		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Helga A. Raab		•
Inventor's signature		Date
Residence		
715 Shields, San Francisco, CA 94132 Citizenship		<del></del>
Germany		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		•
Full name of eleventh joint inventor, if any	·	
Evgeny Varfolomeev		
Inventor's signature		Date
Residence 7102 Shelter Creek Lane, San Bruno, CA 94066		
Citizenship		
Russia Post Office Address	<del></del>	
1 DNA Way		
South San Francisco, CA 94080		

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	
	Date
Residence	
607 Seasons Lane, Redwood City, CA 94065	
Citizenship	
USA Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	
Inventor's signature	Date
	Date
Residence	
1110 Liberty Street, El Cerrito, CA 94530	
Citizenship	
USA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Liliana Soroceanu	
Inventor's signature	
	Date
Davidana	
Residence 260 Hartford Street, San Francisco, CA 94114	
Citizenship	
Romania	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### **Compositions and Methods Relating to STOP-1**

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April 16, 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October 14, 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):				Priority	Claimed	
					Yes	No
Number	Country	Day/Month/Y	ear Filed			
I hereby claim the be listed below:	nefit under Title (	35, United States Coo	le, §119(e) of any	United States pro	visional app	lications(s)
60/463,656		04/16/2003				
Application Ser. No.		Filing Date				_
material information a	as defined in Title	agraph of Title 35, Un 37, Code of Federal al or PCT international	Regulations, §1.50	6 which occurred b	etween the	filing date
Application Ser. No.		Filing Date	Status:	Patented, Pending	, Abandone	d ·
Application Ser. No.		Filing Date	Status:	Patented, Pending	, Abandone	d
POWER OF ATTORN following Patent Office	EY: As a named ce Issued Custome	d inventor, I hereby a er Number to prosecut	opoint all Attorne e this application a	y(s) and/or Agent(s	associate	d with the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
The state of the s		
Heidi Jenii Ackerly Wallweber		
Inventor's signature		Date
		Duto
Residence		
2602 Read Avenue, Belmont, CA 94002 Citizenship		
USA		
Post Office Address		<del></del>
1 DNA Way		
South San Francisco, CA 94080		
Full name of second joint inventor, if any		
Avi Ashkenazi		
AVI ASIROIUZI		
Inventor's signature		Date
· · · · · · · · · · · · · · · · · · ·		Date
Residence		
1456 Tarrytown Street, San Mateo, CA 94402		<u> </u>
Citizenship USA		
Post Office Address	<del></del>	
1 DNA Way		
South San Francisco, CA 94080		
out the first of t		
Full name of third joint inventor, if any		
David Eberhard		
Inventor's signature		Date
		Date
Residence		
360 Guerrero Street #212, San Francisco, CA 94103		
Citizenship		· .
USA Post Office Address	<u> </u>	
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		•
Octal Call Francisco, CA 34000		

Full name of fourth joint inventor, if any		
Gretchen Frantz		
Inventor's signature	D	ate
Residence		
2819 Buchanan Street, San Francisco, CA 94123 Citizenship	·	
USA Post Office Address		
1 DNA Way South San Francisco, CA 94080	•	
Full name of fifth joint inventor, if any		
Dorothy French		
Inventor's signature	D	ate
Residence 23 Michael Court, San Carlos, CA 94070		
Citizenship USA		
Post Office Address 1 DNA Way South San Francisco, CA 94080		•
South San Francisco, CA 94000		
Full name of sixth joint inventor, if any		
Germaine G. Fuh		
Inventor's signature	D	eate
Residence 149 Amapola Avenue, Pacifica, CA 94044		
Citizenship USA		
Post Office Address  1 DNA Way  South See Francisco CA 94080		
South San Francisco, CA 94080		
Full name of seventh joint inventor, if any		
Jo-Anne S. Hongo		
Inventor's signature	C	Pate
Residence 31 Shaw Court, Redwood City, CA 94061		
Citizenship USA		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		

Full	
Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date
Residence 840 Sea Spray Lane #112, Foster City, CA 94404	· · · · · · · · · · · · · · · · · · ·
Citizenship	<u> </u>
Taiwan (Republic of China) Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Inventor's signature	Date
Residence	
990 Cherry Street, San Carlos, CA 94070	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Helga A. Raab	
Inventor's signature	Date
	,
Residence	
715 Shields, San Francisco, CA 94132 Citizenship	
Germany	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Inventor's signature	Date
Residence 7102 Shelter Creek Lane, San Bruno, CA 94066	
Citizenship	
Russia Post Office Address	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	
inventor's signature	Date
Residence	
607 Seasons Lane, Redwood City, CA 94065	
Citizenship	
USA Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	•
Nobelt Madrice Fitti	
Inventor's signature	
	Date
	·
Residence	
1110 Liberty Street, El Cerrito, CA 94530 Citizenship	<u> </u>
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
any	
Liliana Soroceanu	
nventor's signature	Date
Residence	· · · · · · · · · · · · · · · · · · ·
260 Hartford Street, San Francisco, CA 94114	
Citizenship	
Romania	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	tion(s):					Priority ( Yes	Claimed No
Number	Country	Day/Mor	nth/Year Filed		· · · · · · · · · · · · · · · · · · ·		<del></del>
I hereby claim the be listed below:	enefit under Titl	e 35, United States	Code, §119	(e) of any	/ United States provi	sional applic	cations(s)
60/463,656		04/16/2003					
Application Ser. No.		Filing Date			<u></u>		
in the manner provide material information of the prior application	as defined in Ti	tle 37, Code of Fed	eral Regulation	ns, §1.5	6 which occurred bet	tween the f	odisclose iling date
Application Ser. No.		Filing Date		Status:	Patented, Pending,	Abandoned	
Application Ser. No.		Filing Date	· · · · · · · · · · · · · · · · · · ·	Status:	Patented, Pending,	Abandoned	<del></del>
POWER OF ATTORN	IEY: As a nam	ned inventor, I herel	by appoint all	Attorne	y(s) and/or Agent(s)	associated	with the

**CUSTOMER NO: 09157** 

following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
	· ·
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
,	
Avi Ashkenazi	•
Inventor's signature	Date
Residence	<u> </u>
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
USA	
Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
	<u> </u>
nventor's signature	Date
Residence	
360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	·
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	
Gretchen Frantz	
Inventor's signature	Date
Residence	
2819 Buchanan Street, San Francisco, CA 94123 Citizenship	
USA Post Office Address	
1 DNA Way	·
South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070 Citizenship	
USA Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
San J	1/12/2007
Residence 149 Amapola Avenue, Pacifica, CA 94044	
Citizenship USA	·
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
Residence 31 Shaw Court, Redwood City, CA 94061	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	

Full name of eighth joint inventor, if any		
Tuli hame of eighth joint inventor, if any		
Chingwei V. Lee		
Inventor's signature		Date
Residence	<del>-</del>	
840 Sea Spray Lane #112, Foster City, CA 94404 Citizenship	· · · · · · · · · · · · · · · · · · ·	
Taiwan (Republic of China)		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of ninth joint inventor, if any		
Scot A. Masters		•
Inventor's signature		Date
·		
Residence		
990 Cherry Street, San Carlos, CA 94070		
Citizenship USA		
Post Office Address	-	
1 DNA Way South San Francisco, CA 94080		
South Sail Francisco, CA 94080	•	
Full name of tenth joint inventor, if any		
Helga A. Raab		
Inventor's signature		Date
		Dute
Residence 715 Shields, San Francisco, CA 94132		
Citizenship	· · · · · · · · · · · · · · · · · · ·	
Germany		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any	•	
Evgeny Varfolomeev		
Inventor's signature		Date
Residence		
7102 Shelter Creek Lane, San Bruno, CA 94066		
Citizenship Russia	•	· <del></del>
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		•

Full name of twelfth joint inventor, if any		· · · · · · · · · · · · · · · · · · ·	<del></del>	
,				•
Beni B. Wolf				
Inventor's signature			Date	<del></del>
The state of the s			Date	
Residence		·		<del></del>
607 Seasons Lane, Redwood City, CA 94065				
Citizenship	****			<del></del>
USA				
Post Office Address				
1 DNA Way South San Francisco, CA 94080				
South San Francisco, CA 94060	· · ·			
Full and of all the season of				
Full name of thirteenth joint inventor, if any	i			
Robert Maurice Pitti				
Inventor's signature			Date	
Residence	*****	V	**	
1110 Liberty Street, El Cerrito, CA 94530				
Citizenship USA		•		
Post Office Address				
1 DNA Way				
South San Francisco, CA 94080	`.			
Full name of fourteenth joint inventor, if any				
Tall hame of fourteenth joint inventor, it any	e e			
Liliana Soroceanu				
Inventor's signature		<del></del>	Date	
Residence	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>	
260 Hartford Street, San Francisco, CA 94114				
Citizenship				
Romania Post Office Address	<del></del>			<del></del>
Post Office Address 1 DNA Way				
South San Francisco, CA 94080				•

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April 16, 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October 14, 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign App	olication(s):				Priority Yes	Claimed No
Number	Country	Day/Month/	Year Filed	·	<del></del>	
I hereby claim the listed below:	e benefit under Titl	e 35, United States Co	ode, §119(e) of any	y United States prov	isional appli	ications(s)
60/463,656		04/16/2003				
Application Ser. I	No.	Filing Date				•
insofar as the sub in the manner pro material informat	ject matter of each wided by the first p ion as defined in Ti	35, United States Code of the claims of this apparagraph of Title 35, Utle 37, Code of Federal on all or PCT internations	plication is not disc nited States Code, I Regulations, §1.5	losed in the prior Unit §112, I acknowledge 6 which occurred be	ted States a	pplication o disclose
Application Ser. I	No.	Filing Date	Status:	Patented, Pending,	Abandoned	<u> </u>
Application Ser. I	No.	Filing Date	Status:	Patented, Pending,	Abandoned	 I

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

<u> </u>	
Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	Date
Residence 1456 Tarrytown Street, San Mateo, CA 94402	· · · · · · · · · · · · · · · · · · ·
Citizenship USA	·
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
Residence	
360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	
Gretchen Frantz	
Inventor's signature	Date
Residence 2819 Buchanan Street, San Francisco, CA 94123	
Citizenship	
USA Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070 Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
Residence 149 Amapola Avenue, Pacifica, CA 94044	
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
- yours	1116/07
Residence 31 Shaw Court, Redwood City, CA 94061	
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eighth joint inventor, if any		
Chingwei V. Lee		
Inventor's signature		Date
Residence		
840 Sea Spray Lane #112, Foster City, CA 94404		
Citizenship Taiwan (Republic of China)		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080	•	·
Full name of ninth joint inventor, if any		
Scot A. Masters		
Inventor's signature		Date
Residence		· · · · · · · · · · · · · · · · · · ·
990 Cherry Street, San Carlos, CA 94070		·
Citizenship USA		
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		
Full name of tenth joint inventor, if any		
Helga A. Raab		
Inventor's signature	<del></del>	Date
	•	Suco
Residence 715 Shields, San Francisco, CA 94132		
Citizenship	<u> </u>	
Germany		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		· 1
Evgeny Varfolomeev		
Inventor's signature		Date
Residence		
7102 Shelter Creek Lane, San Bruno, CA 94066 Citizenship		
Russia		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
·,	•	

Full name of twelfth joint inventor, if any		
Tall name of twenter joint inventor, if any		
Beni B. Wolf		•
Inventoria simatura		
Inventor's signature		Date
	•	
Residence		
607 Seasons Lane, Redwood City, CA 94065		
Citizenship USA	:	
Post Office Address		<u> </u>
1 DNA Way		
South San Francisco, CA 94080		
Full name of thirteenth joint inventor, if any		
Tan hame of thirteenth joint inventor, if any	·	
Robert Maurice Pitti		
	<u> </u>	
Inventor's signature		Date
Residence	<u> </u>	<del></del>
1110 Liberty Street, El Cerrito, CA 94530		•
Citizenship		<del>``</del>
USA Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		
Full name of fourteenth joint inventor, if any		
Liliana Soroceanu		
- Linding Solossand		
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date
		Date
Residence		
260 Hartford Street, San Francisco, CA 94114		
Citizenship		<del>-                                    </del>
Romania	<u>.</u>	
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080	• • • • • • • • • • • • • • • • • • •	

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	tion(s):					Priority Yes	Claimed No
Number	Country	Day/Month	Year Filed	·		<del></del>	
I hereby claim the be listed below:	enefit under Title	35, United States C	ode, §119(e) of an	y United S	tates provis	sional app	lications(s
60/463,656		04/16/2003					
Application Ser. No.		Filing Date				-	-
insofar as the subject in the manner provide material information of the prior application	ed by the first par as defined in Title	agraph of Title 35, U 37, Code of Federa	Inited States Code, I Regulations, §1.5	§112, I ac 6 which o	knowledge ccurred bet	the duty	to disclose
Application Ser. No.		Filing Date	Status:	Patented	, Pending, A	Abandone	d
Application Ser. No.		Filing Date	Status:	Patented	Pending, A	Abandone	<del></del> d
POWER OF ATTORN	IEY: As a name	d inventor, I hereby	appoint all Attorne	y(s) and/o	r Agent(s)	associate	d with the

**CUSTOMER NO: 09157** 

following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002	
Citizenship	
USA David Office A LI	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Coulti Cari Francisco, CA 54060	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	Date
Residence	
1456 Tarrytown Street, San Mateo, CA 94402 Citizenship	
USA	
Post Office Address	
1 DNA Way	•
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
Residence 360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

		· .	
Full name of fourth joint inventor, if any			
Gretchen Frantz			
Inventor's signature		Date	
Residence			
2819 Buchanan Street, San Francisco, CA 94123			· .
Citizenship USA			
Post Office Address	<del></del>		<del></del>
1 DNA Way			
South San Francisco, CA 94080			
Full name of fifth joint inventor, if any	<u> </u>		
Dorothy French			
Inventor's signature		Date	<u> </u>
Residence		<u></u>	<del></del>
23 Michael Court, San Carlos, CA 94070 Citizenship		<u> </u>	
USA			
Post Office Address	· · · · · · · · · · · · · · · · · · ·	<del></del>	
1 DNA Way			•
South San Francisco, CA 94080			
Full name of sixth joint inventor, if any		<del></del>	
0.51			
Germaine G. Fuh			
Inventor's signature		Date	
		-	
Residence		· · · · · · · · · · · · · · · · · · ·	<del></del>
149 Amapola Avenue, Pacifica, CA 94044			
Citizenship			
USA Post Office Address	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · ·	<u> </u>
1 DNA Way			
South San Francisco, CA 94080			
		<u> </u>	•
Full name of seventh joint inventor, if any			
Jo-Anne S. Hongo			
Inventor's signature		<u> </u>	
inventor's signature		Date	
		<u> </u>	
Residence			·
31 Shaw Court, Redwood City, CA 94061 Citizenship		<del>-</del>	
USA			
Post Office Address		<del></del>	
1 DNA Way	•		
South San Francisco, CA 94080			

Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date (]/2/07
Residence	
840 Sea Spray Lane #112, Foster City, CA 94404 Citizenship	
Taiwan (Republic of China)	
Post Office Address 1 DNA Way	•
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Inventor's signature	Date
Residence 990 Cherry Street, San Carlos, CA 94070	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	·
Helga A. Raab	
Inventor's signature	Date
Residence 715 Shields, San Francisco, CA 94132	
Citizenship	
Germany Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Inventor's signature	Date
Residence	
7102 Shelter Creek Lane, San Bruno, CA 94066 Citizenship	
Russia	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	· . · · · · · · · · · · · · · · · · · ·	
Beni B. Wolf		
Inventor's signature	4 <del></del>	Date .
Residence 607 Seasons Lane, Redwood City, CA 94065	· · · · · · · · · · · · · · · · · · ·	 
Citizenship USA		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of thirteenth joint inventor, if any		
Robert Maurice Pitti		
Inventor's signature		Date
Residence 1110 Liberty Street, El Cerrito, CA 94530		
Citizenship USA		
Post Office Address 1 DNA Way South San Francisco, CA 94080		
Full name of fourteenth joint inventor, if any		
Liliana Soroceanu		•
Inventor's signature		Date
Residence  260 Hartford Street, San Francisco, CA 94114  Citizenship	<u> </u>	 
Romania Post Office Address 1 DNA Way South San Francisco, CA 94080		

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	tion(s):						Priority Yes	/ Claimed No
Number	Country	Day/Mo	nth/Year Filed		<del></del>		<del></del>	· · · · · · · · · · · · · · · · · · ·
I hereby claim the be listed below:	enefit under Title	35, United State	s Code, §119	(e) of any	United S	tates prov	isional app	lications(s)
60/463,656		04/16/2003						
Application Ser. No.		Filing Date						_
I hereby claim the beinsofar as the subject in the manner provide material information of the prior application	: matter of each of ed by the first par as defined in Title	the claims of thi agraph of Title 3 37, Code of Fe	s application is 5, United Stat deral Regulatio	s not discl es Code, ons, §1.5	osed in the §112, I ac 6 which o	e prior Unit knowledge ccurred be	ted States e the duty	application to disclose
Application Ser. No.		Filing Date		Status:	Patented	, Pending,	Abandone	d
Application Ser. No.		Filing Date		Status:	Patented	, Pending,	Abandone	d
POWER OF ATTORN	IEY: As a name	d inventor, I here	eby appoint al	Attorne	y(s) and/o	r Agent(s)	associate	d with the

**CUSTOMER NO: 09157** 

following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	Date
•	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
USA	
Post Office Address	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Tail hathe of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
	•
Residence	
360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	· · · · · · · · · · · · · · · · · · ·
USA	
Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	
Tail hame of fourth joint inventor, it any	·
Gretchen Frantz	
Inventor's signature	Date
Residence	
2819 Buchanan Street, San Francisco, CA 94123	
Citizenship	
USA Post Office Address	<u> </u>
1 DNA Way	
South San Francisco, CA 94080	·
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070	
Citizenship	
USA	<u> </u>
Post Office Address	
1 DNA Way South San Francisco, CA 94080	•
South Carrinancisco, CA 94000	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Germaine G. Fun	
Inventor's signature	Date
	Date
Residence 149 Amapola Avenue, Pacifica, CA 94044	
Citizenship	
USA	
Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
	•
Jo-Anne S. Hongo	
Invested at the state of	
Inventor's signature	Date
Residence	
31 Shaw Court, Redwood City, CA 94061	·
Citizenship	
USA Post Office Address	
1 DNA Way	· ·
South San Francisco, CA 94080	

Eull name of sighth injet investor if any	
Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date
Residence	
840 Sea Spray Lane #112, Foster City, CA 94404	<del></del>
Citizenship Taiwan (Republic of China)	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Inventor's signature	, Date
Scot Muster	1/12/09
Residence	/ /
990 Cherry Street, San Carlos, CA 94070 Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Helga A. Raab	·
Inventor's signature	Date
Residence	
715 Shields, San Francisco, CA 94132	
Citizenship	
Germany	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Outri San Transisco, CA 54000	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Invested alexandre	
Inventor's signature	Date
Residence	
7102 Shelter Creek Lane, San Bruno, CA 94066	
Citizenship	
Russia Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any		<u></u>	
ruil harile of twellth joint inventor, if any			
Beni B. Wolf		•	
Bolli B. Woll			
Inventor's signature			
		Date	
<u> </u>			
Residence		· · · · · · · · · · · · · · · · · · ·	
607 Seasons Lane, Redwood City, CA 94065		•	
Citizenship			
USA			
Post Office Address			
1 DNA Way			
South San Francisco, CA 94080			
		_	
Full name of this court interest			
Full name of thirteenth joint inventor, if any	•		
Robert Maurice Pitti			
Hopert Madrice Lifti			
Inventor's signature	<del></del>		
		Date	
Residence			
1110 Liberty Street, El Cerrito, CA 94530			
Citizenship			
USA			
Post Office Address			
1 DNA Way			
South San Francisco, CA 94080	•		
E.D. C.C.			
Full name of fourteenth joint inventor, if any		•	
Liliana Soroceanu			
Liliana Soroceanu			
Inventor's signature			
With a signature		Date	
Residence			
260 Hartford Street, San Francisco, CA 94114			
Citizenship			
Romania			
Post Office Address	<del></del>		<del></del> -
1 DNA Way			
South San Francisco, CA 94080			

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### Compositions and Methods Relating to STOP-1

the specification of which (check one)  $\underline{\ }$  is attached hereto or  $\underline{\ }$  was filed on  $\underline{\ }$  April 16, 2004 as international application number  $\underline{\ }$  PCT/US04/11793 and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{\ }$  October 14, 2005 as Application Serial No.  $\underline{\ }$  10/553,491.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Ap	plication(s):				·	Priority Yes	Claimed No
Number	Country	Day/Month/Y	ear Filed				
I hereby claim to listed below:	he benefit under Titl	e 35, United States Cod	de, §119(e) of any	United St	tates provisio	nal appli	cations(s
60/463,656		04/16/2003					
Application Ser.	No.	Filing Date					
insofar as the su in the manner pr material informa	bject matter of each rovided by the first p ition as defined in Ti	35, United States Code, of the claims of this app aragraph of Title 35, Untle 37, Code of Federal and or PCT international	lication is not discl ited States Code, Regulations, §1.5	losed in the §112, I ac 6 which o	e prior United knowledge th ccurred betw	States a ne duty t	pplication o disclose
Application Ser.	No.	Filing Date	Status:	Patented,	, Pending, Ab	andoned	
Application Ser.	No.	Filing Date	Status:	Patented,	, Pending, Ab	andoned	

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NO: 09157** 

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor			
ruli name of sole or first inventor			
Heidi Jenii Ackerly Wallweber		,	
		<u> </u>	
Inventor's signature		Date	
Residence		<del></del>	
2602 Read Avenue, Belmont, CA 94002			
Citizenship			
USA			
Post Office Address			
1 DNA Way			
South San Francisco, CA 94080			
Full name of second joint inventor, if any			
Avi Ashkenazi			
Inventor's signature		Data.	<del></del>
		Date	
	·		
Residence		· · · · · · · · · · · · · · · · · · ·	**
1456 Tarrytown Street, San Mateo, CA 94402			<u> </u>
Citizenship USA			
Post Office Address			
1 DNA Way	•		
South San Francisco, CA 94080	•		
Full name of third joint inventor, if any		<del></del>	
	•		
David Eberhard			
Inventor's signature	*		
		Date	
Residence			
360 Guerrero Street #212, San Francisco, CA 94103			
Citizenship			
USA			
Post Office Address		<del></del>	
1 DNA Way			
South San Francisco, CA 94080	•		

Full name of fourth joint inventor, if any		
Tair haine of fourtr joint inventor, it any		-
Gretchen Frantz		
Inventor's signature		
	Date	
Residence		
2819 Buchanan Street, San Francisco, CA 94123		
Citizenship		
USA Post Office Address		·
1 DNA Way		
South San Francisco, CA 94080		
Full name of fifth joint inventor, if any		
Dorothy French		
Dolothy Fielich		
Inventor's signature	Date	
	•	
Residence		
23 Michael Court, San Carlos, CA 94070		
Citizenship USA		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
South Sail Flancisco, CA 54000		
Full name of sixth joint inventor, if any		
Germaine G. Fuh		
Inventor's signature		
inventor s signature	Date	
D. M.		
Residence 149 Amapola Avenue, Pacifica, CA 94044		
Citizenship	<del></del>	<del></del>
USA Dest Office Address		<u> </u>
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of seventh joint inventor, if any		
Jo-Anne S. Hongo		
Inventor's signature	Date	<u>:_</u>
Residence	<del></del>	
31 Shaw Court, Redwood City, CA 94061		
CitizenshipUSA	· · · · · · · · · · · · · · · · · · ·	·
Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		

Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date
Residence 840 Sea Spray Lane #112, Foster City, CA 94404	
Citizenship	
Taiwan (Republic of China) Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Inventor's signature	Date
Residence	
990 Cherry Street, San Carlos, CA 94070 Citizenship	
USA Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Helga A. Raab	
Inventor's signature	Date
Meja S. Mado	01/17/07
Residence CA 04100	/
715 Shields, San Francisco, CA 94132 Citizenship	
Germany	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Inventor's signature	Date
Residence 7102 Shelter Creek Lane, San Bruno, CA 94066	
Citizenship	
Russia Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any					
. an riamo or twentin joint inventor, it any					
Beni B. Wolf					
·				•	
Inventor's signature	······································			Date	· · · · · · · · · · · · · · · · · · ·
				Date	
B. M.					
Residence					
607 Seasons Lane, Redwood City, CA 94065 Citizenship	<del></del>				
USA		•			
Post Office Address			<del></del>		
1 DNA Way					
South San Francisco, CA 94080					
	<u> </u>				
Full same of the state of the s					
Full name of thirteenth joint inventor, if any					
Robert Maurice Pitti					
· · · · · · · · · · · · · · · · · · ·		•			
Inventor's signature	<del></del>		<del> </del>		<del></del>
· ·				Date	
Residence			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
1110 Liberty Street, El Cerrito, CA 94530					
Citizenship USA					
Post Office Address			<del></del>		
1 DNA Way		•			
South San Francisco, CA 94080					
	•				
					· · · · · · · · · · · · · · · · · · ·
Full name of fourteenth joint inventor, if any					
Liliana Soroceanu					
Lindria Soroceanu					
Inventor's signature			<del></del>		
				Date	
	_				
Residence				<del></del>	
260 Hartford Street, San Francisco, CA 94114		·	·		
Citizenship Romania					
Post Office Address			<del></del>		<del></del>
1 DNA Way				•	
South San Francisco, CA 94080					

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or X was filed on April 16, 2004 as international application number PCT/US04/11793 and subsequently submitted to the United States Receiving Office under 35 USC §371 on October 14, 2005 as Application Serial No. 10/553,491.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Appli	cation(s):				Priority Yes	Claimed No
Number	Country	Day/Month	/Year Filed			
I hereby claim the listed below:	benefit under Title	e 35, United States C	ode, §119(e) of an	y United States pro	ovisional app	lications(s)
60/463,656		04/16/2003				
Application Ser. N	o.	Filing Date			***·	<del></del>
insofar as the subject in the manner proving material information	ect matter of each or rided by the first pa on as defined in Tit	35, United States Coo of the claims of this a aragraph of Title 35, l de 37, Code of Feder nal or PCT internation	oplication is not disc Jnited States Code, al Regulations, §1.5	losed in the prior U §112, I acknowled 6 which occurred	nited States	application
Application Ser. N	0.	Filing Date	Status:	Patented, Pending	g, Abandone	d
Application Ser. N	0.	Filing Date	Status:	Patented, Pending	g, Abandone	d

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NO: 09157** 

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor			
Heidi Jenii Ackerly Wallweber			
Inventor's signature	<u> </u>	Date	
		Date	
Residence		<del> </del>	· · · · · · · · · · · · · · · · · · ·
2602 Read Avenue, Belmont, CA 94002			
Citizenship			
USA			
Post Office Address	-	· ·	
1 DNA Way			
South San Francisco, CA 94080			
Full name of second joint inventor, if any			
Avi Ashkenazi			
AVI AShkenazi			
Inventor's signature	<del></del>	Date	
		Date	
Residence			· · · · · · · · · · · · · · · · · · ·
1456 Tarrytown Street, San Mateo, CA 94402			
Citizenship			<del></del>
USA			
Post Office Address		<del></del>	
1 DNA Way			•
South San Francisco, CA 94080			
Full name of third joint inventor, if any			
,			
David Eberhard			
Inventor's signature	<del></del>	Date	
		Date	
Residence		<del></del>	
360 Guerrero Street #212, San Francisco, CA 94103			
Citizenship		<del></del>	
USA			
Post Office Address		<del></del>	
1 DNA Way		•	
South San Francisco, CA 94080			

Full name of fourth joint inventor, if any		
Gretchen Frantz		
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date
Residence		<del></del>
2819 Buchanan Street, San Francisco, CA 94123 Citizenship	····	
USA Post Office Address		· · · · · · · · · · · · · · · · · · ·
1 DNA Way South San Francisco, CA 94080		
Full name of fifth joint inventor, if any	·	
Dorothy French		
Inventor's signature	<del></del>	Date
inventor s signature		Date
Residence	·	
23 Michael Court, San Carlos, CA 94070 Citizenship USA	, , , , , , , , , , , , , , , , , , ,	
Post Office Address 1 DNA Way South San Francisco, CA 94080	·	
<u> </u>		
Full name of sixth joint inventor, if any		
Germaine G. Fuh		
Inventor's signature		Date
Residence 149 Amapola Avenue, Pacifica, CA 94044	· · · · · · · · · · · · · · · · · · ·	
Citizenship USA		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of seventh joint inventor, if any		
Jo-Anne S. Hongo	•	
Inventor's signature	** #34	Date
Residence		
31 Shaw Court, Redwood City, CA 94061		<del>-</del>
Citizenship USA		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		

Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date
Residence	
840 Sea Spray Lane #112, Foster City, CA 94404	en de la companya del companya de la companya de la companya del companya de la companya del la companya de la
Citizenship Taiwan (Republic of China)	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Scot A. Ividsters	
Inventor's signature	Date
Residence	
990 Cherry Street, San Carlos, CA 94070 Citizenship	
USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 54000	
Full name of tenth joint inventor, if any	
Helga A. Raab	
Inventor's signature	Date
	<u> </u>
Residence	
715 Shields, San Francisco, CA 94132 Citizenship	
Germany	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	- 1/2/
Marlow	01/17/2007
Inventor's signature	Date
Residence 7102 Shelter Creek Lane, San Bruno, CA 94066	1335 El CAMINO Real aporto6, Burlingame,
Citizenship	CA 94010 EV.
Russia Rest Office Address	
Post Office Address 1 DNA Way	·
South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	Date
D.: 1	
Residence 607 Seasons Lane, Redwood City, CA 94065	
CitizenshipUSA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	
Inventor's signature	Date
Residence	
1110 Liberty Street, El Cerrito, CA 94530	
Citizenship USA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Liliana Soroceanu	
Inventor's signature	Date
Residence 260 Hartford Street, San Francisco, CA 94114	
Citizenship Romania	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			•	<u>Prio</u>	rity Claimed	
					Yes	s <u>No</u>
Number	Country	Day/Month/\	'ear Filed			<del></del>
I hereby claim the be listed below:	nefit under Tit	le 35, United States Co	de, §119(e) of any	United State	es provisional a	applications(s)
60/463,656		04/16/2003	•	ŕ		
Application Ser. No.		Filing Date				
in the manner provide material information a	ed by the first pas defined in T	of the claims of this apport paragraph of Title 35, Ur itle 37, Code of Federal onal or PCT international	ited States Code, Regulations, §1.5	§112, Lackno 6 which occu	owledge the du	ity to disclose
Application Ser. No.		Filing Date	Status:	Patented, Pe	ending, Abando	oned
Application Ser. No.	,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Filing Date	Status:	Patented, Pe	ending, Abando	oned
POWER OF ATTORN	EY: As a nar	ned inventor, I hereby a	ppoint all Attorne	y(s) and/or A	gent(s) associ	ated with the

**CUSTOMER NO: 09157** 

following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
Heidi Jenii Ackerly Wallweber	•	
Inventor's signature		Date
Residence		
2602 Read Avenue, Belmont, CA 94002		
Citizenship USA		
Post Office Address		
1 DNA Way South San Francisco, CA 94080	•	•
Full name of second joint inventor, if any		
Avi Ashkenazi		
Inventor's signature		Date
Residence		
1456 Tarrytown Street, San Mateo, CA 94402 Citizenship		·
USA		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of third joint inventor, if any		
·		
David Eberhard		
Inventor's signature	······································	Date
Residence 360 Guerrero Street #212, San Francisco, CA 94103		
Citizenship		
USA Post Office Address		
1 DNA Way		
South San Francisco, CA 94080		

Full name of fourth joint inventor, if any	
Gretchen Frantz	
Inventor's signature	Data
	Date
Residence	
2819 Buchanan Street, San Francisco, CA 94123	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070 Citizenship	
USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South Gail Handisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	
	Date
Residence	
149 Amapola Avenue, Pacifica, CA 94044	
Citizenship	
USA Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
Residence	
31 Shaw Court, Redwood City, CA 94061	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of eighth joint inventor, if any			
Chingwei V. Lee			
Inventor's signature		- 17	Date
Residence 840 Sea Spray Lane #112, Foster City, CA 94404			<u> </u>
Citizenship			
Taiwan (Republic of China) Post Office Address			
1 DNA Way South San Francisco, CA 94080		·	
Full name of ninth joint inventor, if any			
Scot A. Masters	· · · · · · · · · · · · · · · · · · ·		
Inventor's signature		<del></del>	Date
Residence	*****		70.40
990 Cherry Street, San Carlos, CA 94070 Citizenship	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
USA Post Office Address 1 DNA Way South San Francisco, CA 94080			
Full name of tenth joint inventor, if any			
Helga A. Raab			
Inventor's signature			Date
Residence	· · · · · · · · · · · · · · · · · · ·		
715 Shields, San Francisco, CA 94132 Citizenship Germany			
Post Office Address 1 DNA Way			
South San Francisco, CA 94080			
Full name of eleventh joint inventor, if any			
Evgeny Varfolomeev			
Inventor's signature	, , , , , , , , , , , , , , , , , , , ,		Date
Residence 7102 Shelter Creek Lane, San Bruno, CA 94066			· · · · · · · · · · · · · · · · · · ·
Citizenship Russia			
Post Office Address 1 DNA Way South San Francisco, CA 94080			

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	1/12/07
Residence	
607 Seasons Lane, Redwood City, CA 94065 Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	
Inventor's signature	Date .
Residence 1110 Liberty Street, El Cerrito, CA 94530	
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Liliana Soroceanu	
Inventor's signature	Date
Residence 3042 Sacramento Street, Apt. 6, San Francisco, CA 94115 Citizenship	**************************************
Romania Post Office Address	
1 DNA Way South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April 16}$ ,  $\underline{2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October 14}$ ,  $\underline{2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):					<u> </u>	Priority (	<u>Claimed</u>
					-	Yes	<u>No</u>
Number	Country	Day/Month	/Year Filed	<del>.</del>			<del></del>
I hereby claim the belisted below:	enefit under Title	35, United States C	ode, §119(e) of a	ny United Sta	tes provision	nal appli	cations(s)
60/463,656	·	04/16/2003					
Application Ser. No.		Filing Date			···		
in the manner provid material information	led by the first pa as defined in Titl	of the claims of this appragned in the second of Title 35, Use 37, Code of Federal or PCT internation	Jnited States Code al Regulations, §1	e, §112, Lack .56 which occ	nowledge the curred betwe	e dutv to	o disclose
Application Ser. No.		Filing Date	Statu	s: Patented, I	Pending, Aba	ındoned	<del></del>
Application Ser. No.		Filing Date	Statu	s: Patented, I	Pending, Aba	ndoned	· .
POWER OF ATTOR	NEY: As a name	ed inventor, I hereby	appoint all Attorn	nev(s) and/or	Agent(s) ass	nciated	with the

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NO: 09157** 

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	79-1
2602 Read Avenue, Belmont, CA 94002	
Citizenship	
USA	· · · · · · · · · · · · · · · · · · ·
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
AVI ASTIKETIOZI	
Inventor's signature	Date
	· ·
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	·
David Ebernard	
Inventor's signature	Date
Residence	
360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship USA	
Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	
Gretchen Frantz	
Inventor's signature	Doto
inventor a dignatare	Date .
Residence	-
2819 Buchanan Street, San Francisco, CA 94123	<u> </u>
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence	
23 Michael Court, San Carlos, CA 94070	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
Residence	
149 Amapola Avenue, Pacifica, CA 94044 Citizenship	
USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 94060	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
Residence	
31 Shaw Court, Redwood City, CA 94061	
Citizenship USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	•

Full name of eighth joint inventor, if any	
Ton name of eightif joint inventor, it ally	•
Chingwei V. Lee	•
Inventor's signature	Date
Residence	· · · · · · · · · · · · · · · · · · ·
840 Sea Spray Lane #112, Foster City, CA 94404 Citizenship	
Taiwan (Republic of China) Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Inventor's signature	Date
Residence 990 Cherry Street, San Carlos, CA 94070	
Citizenship	· · · · · · · · · · · · · · · · · · ·
USA	<u>.                                    </u>
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Helga A. Raab	
Inventor's signature	Date
	. 24.0
Residence	
715 Shields, San Francisco, CA 94132	····
Citizenship  Germany	
Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way	
South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Inventor's signature	Date
Residence	
7102 Shelter Creek Lane, San Bruno, CA 94066	
Citizenship	
Russia	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
·	

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	Date
Residence	
607 Seasons Lane, Redwood City, CA 94065	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Flancisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	
Inventor's signature	1/12/07
Residence 1110 Liberty Street, El Cerrito, CA 94530	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	·
Full name of fourteenth joint inventor, if any	
Liliana Soroceanu	
Inventor's signature	Date
	<u> </u>
Residence	
3042 Sacramento Street, Apt. 6, San Francisco, CA 94115 Citizenship	
Romania	<u> </u>
Post Office Address	,
1 DNA Way South San Francisco, CA 94080	
SOULI SAIL FRANCISCO, CA 34080	

As a below named inventor, I hereby declare that:

Trademark Office connected therewith.

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### Compositions and Methods Relating to STOP-1

the specification of which (check one) \_ is attached hereto or  $\underline{X}$  was filed on  $\underline{April\ 16,\ 2004}$  as international application number  $\underline{PCT/US04/11793}$  and subsequently submitted to the United States Receiving Office under 35 USC §371 on  $\underline{October\ 14,\ 2005}$  as Application Serial No.  $\underline{10/553,491}$ .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	ation(s):			Priority Claimed Yes No
Number	Country	Day/Month/	/ear Filed	·
I hereby claim the be listed below:	enefit under Title	35, United States Co	de, §119(e) of any United States prov	isional applications(s
60/463,656		04/16/2003	•	
Application Ser. No.		Filing Date		<del></del>
in the manner provid material information	t matter of each o ed by the first pa as defined in Tit	of the claims of this app tragraph of Title 35, Ur le 37, Code of Federal	, §120 of any United States application blication is not disclosed in the prior United States Code, §112, I acknowledge Regulations, §1.56 which occurred be I filing date of this application:	ted States application
Application Ser. No.		Filing Date	Status: Patented, Pending,	Abandoned
Application Ser. No.		Filing Date	Status: Patented, Pending,	Abandoned
POWER OF ATTORN	IEY: As a name	ed inventor, I hereby a	ppoint all Attorney(s) and/or Agent(s)	associated with the

**CUSTOMER NO: 09157** 

following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and

Attn: Elinor K. Shin

Telephone: (650) 225-3536

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Heidi Jenii Ackerly Wallweber	
Inventor's signature	Date
Residence	
2602 Read Avenue, Belmont, CA 94002	
Citizenship USA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Avi Ashkenazi	
Inventor's signature	Date
Residence 1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship USA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Eberhard	
Inventor's signature	Date
Residence 360 Guerrero Street #212, San Francisco, CA 94103	
Citizenship	
USA	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor, if any	
Gretchen Frantz	
Inventor's signature	Date
Residence	
2819 Buchanan Street, San Francisco, CA 94123 Citizenship	
USA Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dorothy French	
Inventor's signature	Date
Residence 23 Michael Court, San Carlos, CA 94070	
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Germaine G. Fuh	
Inventor's signature	Date
Residence	· · · · · · · · · · · · · · · · · · ·
149 Amapola Avenue, Pacifica, CA 94044 Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor, if any	
Jo-Anne S. Hongo	
Inventor's signature	Date
Residence 31 Shaw Court, Redwood City, CA 94061 Citizenship	
USA Post Office Address	· · · · · · · · · · · · · · · · · · ·
1 DNA Way South San Francisco, CA 94080	

Full name of eighth joint inventor, if any	
Chingwei V. Lee	
Inventor's signature	Date
Residence 840 Sea Spray Lane #112, Foster City, CA 94404	· · · · · · · · · · · · · · · · · · ·
Citizenship Taiwan (Republic of China)	······································
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Scot A. Masters	
Inventor's signature	Date
Residence 990 Cherry Street, San Carlos, CA 94070	· · · · · · · · · · · · · · · · · · ·
Citizenship USA	****
Post Office Address 1 DNA Way	7-0-0
South San Francisco, CA 94080	
Full name of tenth joint inventor, if any	
Helga A. Raab	
Inventor's signature	Date
Residence 715 Shields, San Francisco, CA 94132	
Citizenship  Germany	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Evgeny Varfolomeev	
Inventor's signature	Date
Residence	
7102 Shelter Creek Lane, San Bruno, CA 94066 Citizenship	····
Russia	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Beni B. Wolf	
Inventor's signature	Date
Residence 607 Seasons Lane, Redwood City, CA 94065	······
Citizenship USA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor, if any	
Robert Maurice Pitti	
Inventor's signature	Date
Residence 1110 Liberty Street, El Cerrito, CA 94530 Citizenship	
USA Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Liliana Soroceanu	01/25/2007
Inventor's signature Llogo Sorreu	/ Date
Residence 260 Hartford Street, San Francisco, CA 94114	
Citizenship Romania Post Office Address	
1 DNA Way South San Francisco, CA 94080	